

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

J03NP

Application Number

09/770,535

Applicant(s)

Nathan D. Hamilton

Filing Date

1-25-01

Group Art Unit

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
h		5,260,464	11-9-93	Della Valle et al.	554	80	
h		4,859,698	8-22-89	Cavazza et al.	514	445	
h		5,240,961	8-31-93	Shug	514	556	
h		4,599,232	7-8-86	Bertelli	424	94	
h		5,391,550	2-21-95	Carniglia, et al.	514	23	
h		4,401,827	8-30-83	de Witt	560	1	
h		5,916,912	6-29-99	Ames et al.	514	440	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

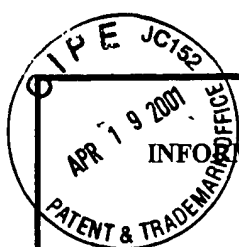
h		Bruce N. Ames: Micronutrients prevent cancer and delay aging, Toxicology Letters, 102-103 (1998) 5-18. (Abstract)						
h		Kenneth B. Beckman and Bruce N. Ames: The Free Radical Theory of Aging Matures, Physiological Reviews, Vol. 78, No. 2, April 1998. (Abstract)						

EXAMINER

DATE CONSIDERED

11/8/02

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

J03NP

Application Number

09/770,535

Applicant(s)

Nathan D. Hamilton

Filing Date

1-25-01

Group Art Unit

*EXAMINER
INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Parenti Castelli G, Mataix J, Lenaz G: Virgin olive oil and coenzyme Q10 protect heart mitochondria from peroxidative damage during aging, Biofactors 1999;9(2-4):337-43. (Abstract)

Hansen JC: High serum coenzyme Q10, positively correlated with age, selenium and cholesterol, in Inuit of Greenland I A pilot study, Biofactors 1999;9(2-4):319-23. (Abstract)

Rosenfeldt FL, Pepe S, Ou R, Mariani JA, Rowland MA, Nagley P, Linnane AW: Coenzyme Q10 improves the tolerance of the senescent myocardium to aerobic and ischemic stress: studies in rats and in human atrial tissue, Biofactors 1999;9(2-4):291-9. (Abstract)

Kaikkonen J, Nyyssonen K, Tuomainen TP, Ristonmaa U, Salonen JT: Determinants of plasma coenzyme Q10 in humans, FEBS Lett 1999 Jan 25;443(2):163-6. (Abstract)

Linnane AW, Kovalenko S, Gingold EB: The universality of bioenergetic disease. Age-associated cellular bioenergetic degradation and amelioration therapy, Ann N Y Acad Sci 1998 Nov 20;854:202-13. (Abstract)

Lenaz G, Cavazzoni M, Genova ML, D'Aurelio M, Pich MM, Pallotti F, Formiggini G, Marchetti M, Castelli GP, Bovina C: Oxidative stress, antioxidant defenses and aging, Biofactors 1998;8(3-4):195-204. (Abstract)

Barviroli B, Iotti S, Lodi R: Aspects of human bioenergetics as studied in vivo by magnetic resonance spectroscopy, Biochimie 1998 Oct;80(10):847-53. (Abstract)

Lass A, Kwong L, Sohal RS: Mitochondrial coenzyme Q content and aging: Biofactors 1999;9(2-4):199-205. (Abstract)

Lonnrot K, Porsti I, Alho H, Wu X, Hervonen A, Tolvanen JP: Control of arterial tone after long-term coenzyme Q10 supplementation in senescent rats, Br J Pharmacol 1998 Aug;124(7):1500-6. (Abstract)

Lonnrot K, Holm P, Lagerstedt A, Huhtala H, Alho H: The effects of lifelong ubiquinone Q10 supplementation on the Q9 and Q10 tissue concentrations and life span of male rats and mice, Biochem Mol Biol Int 1998 Apr;44(4):727-37. (Abstract)

Beal MF, Matthews RT, Tieleman A, Shults CW: Coenzyme Q10 attenuates the 1-methyl-4-phenyl-1,2,3,4-tetrahydropyridine (MPTP) induced loss of striatal dopamine and dopaminergic axons in aged mice, Brain Res 1998 Feb 2;783(1):109-14. (Abstract)

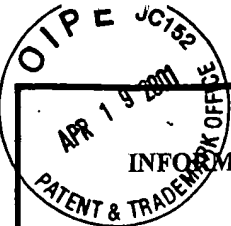
Aejmelaeus R, Metsa-Ketela T, Laippala P, Solakivi T, Alho H: Ubiquinol-10 and total peroxyl radical trapping capacity of LDL lipoproteins during aging: the effects of Q-10 supplementation, Mol Aspects Med 1997;18 Suppl:S113-20. (Abstract)

EXAMINER

DATE CONSIDERED

1/8/02

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

J03NP

Application Number

09/770,535

Applicant(s)

Nathan D. Hamilton

Filing Date

1-25-01

Group Art Unit

*EXAMINER

INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

61 Mark K. Shigenaga, Tory M. Hagen, and Bruce N. Ames: Oxidative damage and mitochondrial decay in aging, Proc. Natl. Acad. Sci. USA, Vol. 91, pp. 10771-10778, November 1994. (Abstract)

67 Kalaiselve, T. Panneerselvam, C.: Effect of L-carnitine on the status of lipid peroxidation and antioxidants in aging rats, J-nutr-biochem. New York, N.Y.: Elsevier Science Inc.)Oct 1998. v. 9 (10) p. 575-581.

69 Ames BN: Micronutrients prevent cancer and delay aging. Toxicol Lett 1998 Dec 28;102-103: 5-18. (Abstract)

69 Langsjoen PH, Langsjoen A, Willis R, Folders K: Treatment of hypertrophic cardiomyopathy with coenzyme Q10, Mol Aspects Med 1997; 18 Suppl: 145-51. (Abstract)

69 Langsjoen PH, Vadhanavikit S, Folders K: Response of patients in classes III and IV of cardiomyopathy to therapy in a blind and crossover trial with coenzyme Q10, Pro Natl Acad Sci USA 1985 Jun;82 (12):4240-4: (Abstract)

69 Sobreira C, Hirano M, Shanske S, Keller RK, Haller RG, Davidson E, Santorelli FM, Miranda AF, Bonilla E, Mojon DS, Barreira AA, King MP, DiMauro S: Mitochondrial encephalomyopathy with coenzyme Q10 deficiency, Neurology 1997 May;48(5):1238-43. (Abstract)

69 Kagan T, Davis C, Lin L, Zakeri Z: Coenzyme Q10 can in some circumstances block apoptosis, and this effect is mediated through mitochondria, Ann N Y Acad Sci 1999;887:31-47. (Abstract)

69 Ravaglia G, Forti P, Maioli F, Bastagli L, Facchini A, Mariani E, Savarino L, Sassi S, Cucinotta D, Lenaz G: Effect of micronutrient status on natural killer cell immune function in healthy free-living subjects aged >=90 y. Am J Clin Nutr 2000 Feb;71(2):590-8. (Abstract)

69 Turunen M, Appelkvist EI, Sindelar P, Dallner G: Blood concentration of coenzyme Q(10) increases in rats when esterified forms are administered, J Nutr 1999 Dec;129(12):2113-8.

69 Tomasetti M, Littarru GP, Stocker R, Alleva R: Coenzyme Q10 enrichment decreases oxidative DNA damage in human lymphocytes, Free Radic Biol Med 1999 Nov;27(9-10):1027-32. (Abstract)

69 Overvad K, Diamant B, Holm L, Holmet G, Mortensen S: Coenzyme Q10 in health and disease, Eur J Clin Nutr 1999 Oct;53(10):764-70. *(Abstract)

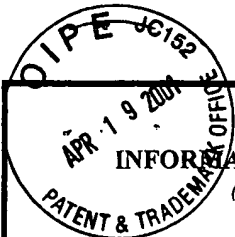
69 Challem JJ: Toward a new definition of essential nutrients: is it now time for a third 'vitamin' paradigm? Med Hypotheses 1999 May;52(5):417-22. (Abstract)

EXAMINER

DATE CONSIDERED

11/8/02

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

JO/3NP

Application Number

09/770,535

Applicant(s)

Nathan D. Hamilton

Filing Date

1-25-01

Group Art Unit

*EXAMINER
INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Pastoris O, Boschi F, Verri M, Baiardi P, Felzani G, Vecchiet J, Dossena M, Catapano M: The effects of aging on enzyme activities and metabolite concentrations in skeletal muscle from sedentary male and female subjects, Exp Gerontol 2000 Feb 1;35(1):95-104. (Abstract)

Rawson ES, Clarkson PM: Acute creatine supplementation in older men, Int J Sports Med 2000 Jan;21(1):71-5. (Abstract)

Schuff N, Amend DL, Knowlton R, Norman D, Fein G, Weiner MW: Age-related metabolite changes and volume loss in the hippocampus by magnetic resonance spectroscopy and imaging, Neurobiol Aging 1999 May-Jun;20(3):279-85. (Abstract)

Pfefferbaum A, Adalsteinsson E, Spielman D, Sullivan EV, Lim KO: In vivo spectroscopic quantification of the N-acetyl moiety, creatine, and choline from large volumes of brain gray and white matter: effects of normal aging, Magn Reson Med 1999 Feb;41(2):276-84. (Abstract)

Pfefferbaum A, Adalsteinsson E, Spielman D, Sullivan EV, Lim KO: In vivo brain concentrations of N-acetyl compounds, creatine, and choline in Alzheimer disease, Arch Gen Psychiatry 1999 Feb;56(2):185-92. (Abstract)

Bermon S, Venembre P, Sachet C, Valour S, Dolisi C: Effects of creatine monohydrate ingestion in sedentary and weight-trained older adults, Acta Physiol Scand 1998 Oct;164(2):147-55. (Abstract)

Smith SA, Montain SJ, Matott RP, Aientara GP, Jolesz FA, Fielding RA: Creatine supplementation and age influence muscle metabolism during exercise, J Appl Physiol 1998 Oct;85(4):1349-56. (Abstract)

Pastoris O, Dossena M, Arnalboldi R, Gorini A, Villa RF: Age-related alterations of skeletal muscle metabolism by intermittent hypoxia and TRH analogue treatment, Pharmacol Res Aug-Sep;30(2):171-85. (Abstract)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.